bitstrong

Product Details

NFC Rights Management

NFC rights management system is designed with an electromagnetic lock with controllable, checkable and traceable flow direction, providing safer blood management

Divided Storage Management

Multiple storage partitions are provided. Management of blood products by types, expiration dates is easy and efficient.

Partition Shelf + Stainless Steel Slide

Partitions can be installed in shelves for dedicated spaces for different blood type. Stainless steel slides provide easier and faster access of blood bags.

Foam Door with Three-pane Viewing Glass

Doors can be foam door with a large three-pane or double-pane viewing glasses, both with Low-E film to improve thermal efficiency with no condensation at 25℃, 85% RH humid condition.
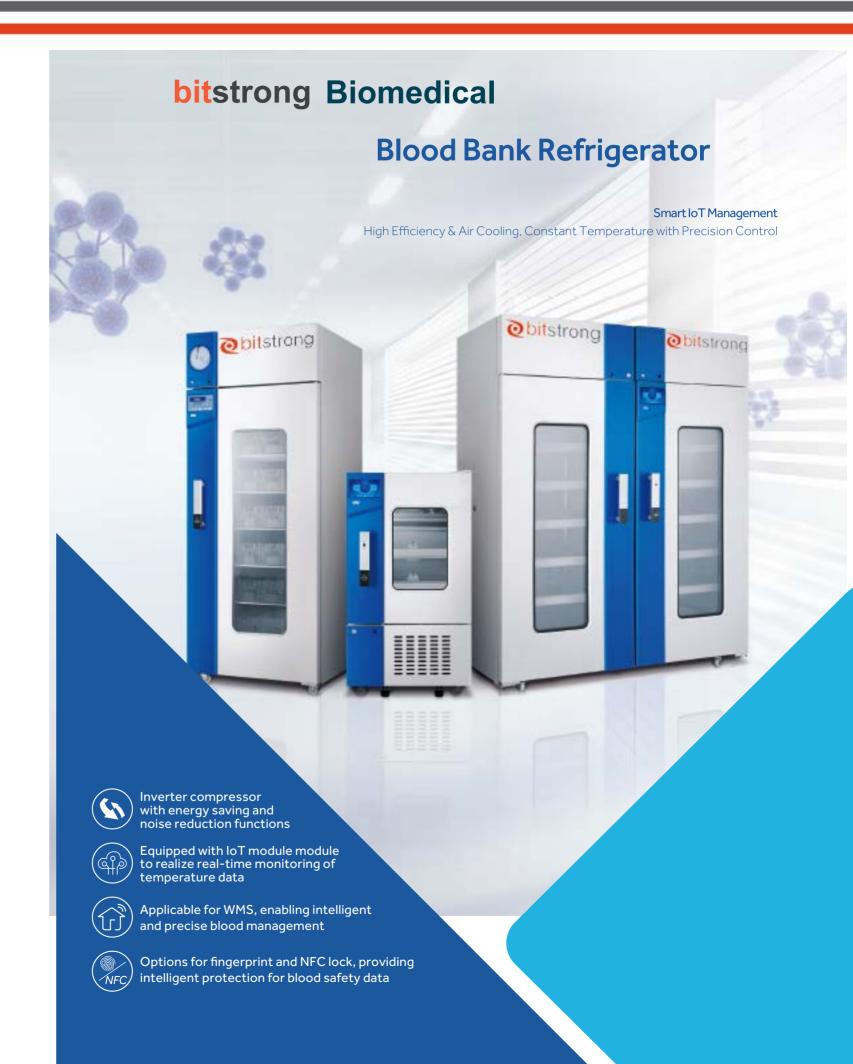
Product Parameters

Model	Voltage (V/Hz)	Internal Temperature (℃)	External Dimension (width*depth*height mm)	Internal Dimension (width*depth*height mm)	Effective Volume(L)	NW/GW (Kg)	Drawer	Loading Capacity (400ml)
HXC- 149T	220/50	4±1	625*820*1130	506*560*610	149	108/133	2 Layers	60Bags
HXC- 429T	220/50	4±1	625*940*1830	505*680*1315	429	182/222	5Layers(6Layers)	195Bags
HXC- 629T	220/50	4±1	765*940*1970	644*680*1456	629	212/257	6Layers(7Layers)	312Bags
HXC- 1369T	220/50	4±1	1545*940*1970	1425*680*1456	1369	386/450	6Layers(7Layers)	624Bags

Model	Voltage (V/Hz)	Internal Temperature (℃)	External Dimension (width*depth*height mm)	Internal Dimension (width*depth*height mm)	Effective Volume(L)	NW/GW (Kg)	Drawer	Loading Capacity (400ml)
HXC- 149	220/50	4±1	625*820*1130	506*560*610	149	97/122	2 Layers	60Bags
HXC- 429	220/50	4±1	625*940*1830	505*680*1315	429	169/209	5Layers(6Layers)	195Bags
HXC- 629	220/50	4±1	765*940*1970	644*680*1456	629	187/232	6Layers(7Layers)	312Bags
HXC- 1369	220/50	4±1	1545*940*1970	1425*680*1456	1369	335/399	6Layers(7Layers)	624Bags

発売元

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bitstrong Biomedical

Blood Bank Refrigerator

Smart IoT Management
High Efficiency & Air Cooling, Constant Temperature with Precision Control

- **Inverter compressor** with energy saving and noise reduction functions
- **Equipped with IoT module module** to realize real-time monitoring of temperature data
- **Applicable for WMS**, enabling intelligent and precise blood management
- **Options for fingerprint and NFC lock**, providing intelligent protection for blood safety data

Smart IoT Management

Real-time control and monitoring of blood information in the cabinet is possible via built-in smart blood management APP and cloud network connection. Blood product information and temperature are available in large LCD display.

HXC–1369T   HXC–629T   HXC–429T   HXC–149T

Dual Temperature Control Technology

Refrigeration system is designed with an inverter compressor and dual-speed fans, providing an optimal temperature performance of 4+/- 1°C inside the cabinet to safeguard stored products.

HXC–1369   HXC–629   HXC–429   HXC–149

Product Advantages

■ Control Interface

The simple and intuitive high-definition LCD touch screen can display temperature graph, working status, events and alarm record.

■ Real-time Control of Internal Temperature

A dual control system of six high-precision sensors and mechanical thermostat work ensures the temperature inside the cabinet within the range of 4 +/- 1°C. Built-in cold chain monitoring module monitors internal temperature in real-time, records historical data, and alerts abnormal temperature conditions.

■ Stable and Reliable Operation

The refrigeration system is powered with a high quality inverter compressor and variable speed fan motors. Temperature control responses quickly and reliably for a more uniform temperature with less power and lower noise.

■ Multiple safety protection

Multiple alarms include high and low temperature, power failure, door ajar, sensor failure, and low battery. Sound buzzer, light flashing and remote contacts are standard alarm features. Built-in battery can continue to support the alarm system when there is a loss of power supply.
Fingerprint and NFC punch card module are also standard.

Product Advantages

■ With Multiple Temperature Control to Guarantee Constant and Precise Temperature

The inside temperature is constant within 4±1°C, the digital temperature display resolution at 0.1°C.
It is equipped with 6 high-precision sensors and added with mechanical thermostat for low temperature resistance, providing more accurate air cooling design with dual temperature control to ensure uniform temperature inside the box, and maintain the temperature within the specified temperature range. The multi-layer inner door design reduces the leakage of the cold after door opening and ensures the temperature stability inside the cabinet.

4±1°C

■ With Multiple Safety Guarantees to Provide Worry-Free Service

It is equipped with complete alarm function, including alarm on high and low temperature, power failure, door opening, sensor failure, and low battery. There are two alarm modes including sound buzzer and light flashing with remote alarm interface.
The rear battery design can continue to alarm and display the temperature inside the cabinet after power failure.
It is equipped with NFC punch card module, with safer storage management.

■ Standard USB Interface

Can record temperature data for ten years, and an optional disc temperature recorder can be provided at your selection.